

Nicola Dell

The Jacobs Technion-Cornell Institute
Cornell Tech
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Research Interests

My research interests are in human-computer interaction (HCI) and information and communication technologies and development (ICTD). My goal is to design, build, deploy, and evaluate computing technologies that improve the lives of underserved communities in the US and around the world.

Education

2015 Ph.D., Computer Science and Engineering
University of Washington, Seattle, WA

2011 M.S., Computer Science and Engineering
University of Washington, Seattle, WA

2004 B.Sc., (First Class Honors) in Computer Science
University of East Anglia, Norwich, UK
Year abroad at the University of Victoria, BC, Canada

Employment

2016 - present. Assistant Professor, Information Science (tenure track)
The Jacobs Technion-Cornell Institute, Cornell Tech, and Cornell University

2009 - 2015 Graduate Research Assistant
Computer Science and Engineering, University of Washington

2013 Research Intern, Computational User Experience group
Microsoft Research, Redmond, WA

2011 Research Intern, Technology for Emerging Markets group
Microsoft Research, Bangalore, India

Academic Awards

2021 JPMorgan Faculty Research Award
2020 Best Paper Award, ACM CSCW
2020 Distinguished Paper Award, USENIX Security
2020 Internet Defense Prize (third place), USENIX Security
2020 Google Faculty Research Award
2019 Advocate of New York City Award
2019 Diversity and Inclusion Award, ACM CSCW

2019 Best Paper Honorable Mention, ACM CSCW
2019 Distinguished Paper Award, USENIX Security
2019 Best Paper Honorable Mention, ACM COMPASS
2018 Facebook "Secure the Internet" Award
2018 NSF CAREER Award
2018 Two ACM CHI Best Paper Awards (Two independent best paper awards on different papers)
2018 Google Faculty Research Award
2017 Best Paper Honorable Mention, ACM CHI
2016 Distinguished Dissertation Award, University of Washington Graduate School
2016 Best Paper Honorable Mention, ACM CHI
2015 Best Student Paper Award, ACM ASSETS
2014 Graduate Student Research Competition Winner, ACM CHI
2013 Facebook Graduate Fellowship
2013 Society of Women Engineers Outstanding Female Engineer Award
2013 Palantir Scholarship for Women in Technology
2012 Google Anita Borg Scholarship
2012 UW Shobe Prize Finalist
2011 People's Choice Award, Madrona Group UW CSE Affiliates Day
2002 University of East Anglia Prize for Distinguished Performance in Year One
2001-2004 University of East Anglia International Student Scholarship

Refereed Conference and Journal Publications

Top-tier venues in human-computer interaction research include the ACM conferences CHI and CSCW. In 2018, CSCW transitioned to a hybrid journal structure and renamed itself Proceedings of the ACM on Human-Computer Interaction, CSCW. Students are typically named first in HCI research.

1. Rama Adithya Varanasi, Aditya Vashistha, Rene F. Kizilcec, and **Nicola Dell**. 2021. Investigating Technostress Among Teachers in Low-Income Indian Schools. Proceedings of the ACM on Human-Computer Interaction, CSCW Vol. 5, Issue 2, Article 340.
2. Anthony Poon, Vaidehi Hussain, Ariel C. Avgar, and **Nicola Dell**. 2021. Computer-Mediated Peer Support Needs of Home Care Workers: Emotional Labor & the Politics of Professionalism Proceedings of the ACM on Human-Computer Interaction, CSCW Vol. 5, Issue 2, Article 336.
3. Yixin Zou, Allison McDonald, Julia Narakornpichit, **Nicola Dell**, Thomas Ristenpart, Kevin Roundy, Florian Schaub, Acar Tamersoy. 2021. The Role of Computer Security Customer Support in Helping Survivors of Intimate Partner Violence. USENIX Security Symposium.
4. Pranjal Jain, Rama Adithya Varanasi, and **Nicola Dell**. 2021. "Who is protecting us? No one!" Vulnerabilities Experienced by Low-Income Indian Merchants Using Digital Payments. ACM SIGCAS Conference on Computing and Sustainable Societies (COMPASS).
5. Margaret C. Jack, Sopheak Chann, Steven Jackson, and **Nicola Dell**. 2021. Networked Authoritarianism at the Edge: The Digital and Political Transitions of Cambodian Village Officials. Proceedings of the ACM on Human-Computer Interaction, CSCW Vol. 5, Issue 1, Article 50.
6. Emily Tseng, Diana Freed, Kristen Engel, Thomas Ristenpart, and **Nicola Dell**. 2021. A Digital Safety Dilemma: Analysis of Remote Computer-Mediated Computer Security Interventions During COVID-19. ACM Conference on Human Factors in Computing Systems (CHI).
7. Chinasa Okolo, Srujana Kamath, **Nicola Dell**, and Aditya Vashistha. 2021. "It cannot do all my work": Community Health Worker Perceptions of AI-Enabled Mobile Health Applications in Rural India. ACM Conference on Human Factors in Computing Systems (CHI).

8. Rama Adithya Varanasi, Aditya Vashistha, and **Nicola Dell**. 2021. Tag a Teacher: A Qualitative Analysis of WhatsApp-Based Teacher Networks in Low-Income Indian Schools. ACM Conference on Human Factors in Computing Systems (CHI).
9. Kurt Thomas, Devdatta Akhawe, Michael Bailey, Dan Boneh, Elie Bursztein, Sunny Consolvo, **Nicola Dell**, Zakir Durumeric, Patrick Gage Kelley, Deepak Kumar, Damon McCoy, Sarah Meiklejohn, Thomas Ristenpart, Gianluca Stringhini. 2021. SoK: Hate, Harassment, and the Changing Landscape of Online Abuse. IEEE Symposium on Security and Privacy (Oakland).
10. Rosanna Bellini, Emily Tseng, Nora McDonald, Rachel Greenstadt, Damon McCoy, Thomas Ristenpart, and **Nicola Dell**. 2020. "So-called privacy breeds evil": Narrative Justifications for Intimate Partner Surveillance in Online Forums. Proceedings of the ACM on Human-Computer Interaction, CSCW Vol. 4, Issue 3, Article 210. [Best Paper Award](#)
11. Emily Tseng, Rosanna Bellini, Nora McDonald, Matan Danos, Rachel Greenstadt, Damon McCoy, **Nicola Dell**, and Thomas Ristenpart. 2020. The Tools and Tactics Used in Intimate Partner Surveillance: An Analysis of Online Infidelity Forums. USENIX Security Symposium. [Distinguished Paper Award; Internet Defense Prize \(third place\)](#)
12. Sterling, M.R., Tseng, E., Poon, A., Cho, J., Avgar, A.C., Kern, L.M., Ankuda, C.K., **Dell, N.** 2020. Experiences of Home Health Care Workers in New York City During the Coronavirus Disease 2019 Pandemic: A Qualitative Analysis. JAMA Internal Medicine.
13. Emrys Schoemaker, Dina Baslan, Paul Currion, Bryan Pon, and **Nicola Dell**. 2020. Identity at the Margins: Data Justice & Refugee Experiences with Digital Identity Systems in Lebanon, Jordan, & Uganda. Information Technology for Development.
14. Sterling, M.R., **Dell, N.**, Tseng, E., Okeke, F., Cho, J., Piantella, B., Tobin, J.N. 2020. Home Care Workers Caring for Adults with Heart Failure Need Better Access to Training and Technology: A Role for Implementation Science. Journal of Clinical and Translational Science.
15. Rama Adithya Varanasi, Aditya Vashistha, Tapan Parikh, and **Nicola Dell**. 2020. Challenges and issues integrating smartphones into teacher support programs in India. International Conference on Information and Communication Technologies and Development (ICTD).
16. Anthony Poon, Sarah Giroux, Parfait Eloundou-Enyegue, Francois Guimbretière, and **Nicola Dell**. 2020 Baccalauréat Practice Tests in Cameroon: The Impact of SMS-Based Exam Preparation. International Conference on Information and Communication Technologies and Development (ICTD).
17. Sterling, M.R., **Dell, N.**, Piantella, B., Cho, J., Kaur, H., Tseng, E., Okeke, F., Brown, M., Leung, P.B.K., Silva, A.F., Shaw, A.L., Kern, L.M. 2020. Understanding the Workflow of Home Healthcare for Patients with Heart Failure: Challenges and Opportunities. Journal of General Internal Medicine.
18. Emily Tseng, Fabian Okeke, Madeline Sterling, and **Nicola Dell**. 2020. "We can learn. Why not?": Challenges and Opportunities in Designing for Equity for Home Health Aides. ACM Conference on Human Factors in Computing Systems (CHI).
19. Kevin Roundy, Paula Mendelberg, **Nicola Dell**, Damon McCoy, Daniel Nissani, Thomas Ristenpart, and Acar Tamersoy. 2020. The Many Kinds of Creepware Used for Interpersonal Attacks. IEEE Symposium on Security and Privacy (Oakland).
20. Fabian Okeke, Beatrice Wasunna, Mercy Amulele, Isaac Holeman, and **Nicola Dell**. 2019. Including the Voice of Care Recipients in Community Health Feedback Loops in Rural Kenya. Proc. of the ACM on Human-Computer Interaction: Vol. 3, Issue CSCW, Article 71.

21. Margaret Jack, Pang Sovannaroeth, & **Nicola Dell**. 2019. "Privacy is not a concept, but a way of dealing with life:" Localization of Transnational Technology Platforms & Liminal Privacy Practices in Cambodia. Proc. of the ACM on Human-Computer Interaction: Vol. 3, Issue CSCW, Article 128. [Diversity and Inclusion Award](#).
22. Diana Freed, Sam Havron, Emily Tseng, Andrea Gallardo, Rahul Chatterjee, Thomas Ristenpart, and **Nicola Dell**. 2019. "Is my phone hacked?" Analyzing Clinical Computer Security Interventions with Survivors of Intimate Partner Violence. Proc. of the ACM on Human-Computer Interaction: Vol. 3, Issue CSCW, Article 202. [Best Paper Honorable Mention](#).
23. Rama Adithya Varanasi, Rene F. Kizilcec, and **Nicola Dell**. 2019. How Teachers in India Reconfigure their Work Practices around a Teacher-Oriented Technology Intervention. Proc. of the ACM on Human-Computer Interaction: Vol. 3, Issue CSCW, Article 220.
24. Havron, S., Freed, D., Chatterjee, R., McCoy, D., **Dell, N.**, and Ristenpart, T. 2019. Clinical Computer Security for Victims of Intimate Partner Violence. 28th USENIX Security Symposium.
25. Chen, C., **Dell, N.**, and Roesner, F. 2019. Computer Security and Privacy in the Interactions Between Victim Service Providers and Human Trafficking Survivors. USENIX Security Symposium. [Distinguished Paper Award](#).
26. Okeke, F., Tseng, E., Piantella, B., Brown, M., Kaur, H., Sterling, M., and **Dell, N.** 2019. Technology, Home Health Care, and Heart Failure: A Qualitative Analysis with Multiple Stakeholders. ACM Conference on Computing and Sustainable Societies (COMPASS).
27. Schoemaker, E., Kristinsdottir, S., Ahuja, T., Baslan, D., Pon, B., Currion, P., Gumisizira, P, and **Dell, N.** 2019. Identity at the Margins: Examining Refugee Experiences with Digital Identity Systems in Lebanon, Jordan, & Uganda. ACM Conference on Computing and Sustainable Societies (COMPASS). [Best Paper Honorable Mention](#).
28. Yang, L., Sobolev, M., Wang, Y., Chen, J., Dunne, A., Tsangouri, C., **Dell, N.**, Naaman, M., and Estrin, D. 2019. The Effects of User Intentions and Recommendations on Content Choices. The Web Conference (WWW).
29. Poon, A., Giroux, S., Eloundou-Enyegue, P., Guimbretiere, F., and **Dell, N.** 2019. Engaging High School Students in Cameroon with Exam Practice Quizzes via SMS and WhatsApp. ACM Conference on Human Factors in Computing Systems (CHI).
30. Ahmed S. I., Haque, M. R., Haider, I., Chen, J., and **Dell, N.** 2019. "Everyone Has Some Personal Stuff": Designing to Support Digital Privacy with Shared Mobile Phone Use in Bangladesh. ACM Conference on Human Factors in Computing Systems (CHI).
31. Okeke, F., Nene, L., Muthee, J., Odindo, S., Kane, D., Holeman, I., and **Dell, N.** 2019. Challenges and Opportunities Connecting Care Recipients to the Community Health Feedback Loop. International Conference on Information and Communication Technologies and Development (ICTD).
32. Kumar, N., and **Dell, N.** 2018. Towards Informed Practice in HCI for Development. Proceedings of the ACM on Human-Computer Interaction: CSCW, Article 99 (CSCW).
33. Okeke, F., Sobolev, M., **Dell, N.**, and Estrin, D. 2018. Good Vibrations: Can a Digital Nudge Reduce Digital Overload? International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI).
34. Law, M., Naaman, M., and **Dell, N.** 2018. ShareBox: Designing A Physical System to Support Resource Exchange in Local Communities. Designing Interactive Systems (DIS).

35. Chatterjee, R., Doerfler, P., Orgad, H., Havron, S., Palmer, J., Freed, D., Levy, K., **Dell, N.**, McCoy, D., and Ristenpart, T. 2018. The Spyware Used in Intimate Partner Violence. IEEE Symposium on Security and Privacy (Oakland).
36. Freed, D., Palmer, J., Minchala, D., Levy, K., Ristenpart, T and **Dell, N.** 2018. "A Stalker's Paradise": How Intimate Partner Abusers Exploit Technology. ACM Conference on Human Factors in Computing Systems (CHI).
[Best Paper Award.](#)
37. Vashistha, A., Okeke, F., Anderson, R., and **Dell, N.** 2018. "You Can Always Do Better!" The Impact of Social Proof on Participant Response Bias. ACM Conference on Human Factors in Computing Systems (CHI).
38. Sultana, S., Guimbretière, F., Sengers, P., and **Dell, N.** 2018. Design Within a Patriarchal Society: Opportunities and Challenges in Designing for Rural Women in Bangladesh. ACM Conference on Human Factors in Computing Systems (CHI).
[Best Paper Award.](#)
39. Ahmed S. I., Haque, M. R., Chen, J., and **Dell, N.** 2017. Digital Privacy Challenges with Shared Mobile Phone Use in Bangladesh. Proceedings of the ACM on Human-Computer Interaction: CSCW, Article 17.
40. Freed, D., Palmer, J., Minchala, D., Levy, K., Ristenpart, T and **Dell, N.** Digital Technologies and Intimate Partner Violence: A Qualitative Analysis with Multiple Stakeholders. Proceedings of the ACM on Human-Computer Interaction: CSCW, Article 46.
[Paper Recognition for Contribution to Diversity and Inclusion.](#)
41. Ahmed, S. I., Guha, S., Rashidujjaman, R., Hossain, F., **Dell, N.** 2017. Privacy Vulnerabilities in the Practices of Repairing Broken Digital Artifacts in Bangladesh. Journal on Information Technologies & International Development (ITID). Vol. 13, 186-199.
["Best of ICTD" Paper.](#)
42. Ahmed, S. I., Haque, M. R., Guha, S., Rashidujjaman M. R., **Dell, N.** 2017. Privacy and Surveillance in the Global South: A Study of Biometric Mobile Registration in Bangladesh. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI).
43. DeRenzi, B., **Dell, N.**, Wacksman, J., Lee, S., Lesh, N. 2017. Supporting Community Health Workers in India through Voice- and Web-Based Feedback. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI).
[Best Paper Honorable Mention.](#)
44. Yang, L., Hsieh, C., Yang, H., Pollak, JP., **Dell, N.**, Belongie, S., Cole, C., Estrin, D. 2017. Yumme: A Personalized Nutrient-based Meal Recommender System. ACM Transactions on Information Systems, 9(4), Article 39.
45. Ahmed, S. I., Guha, S., Rashidujjaman, R., Hossain, F., **Dell, N.** 2016. Privacy in Repair: An Analysis of the Privacy Challenges Surrounding Broken Digital Artifacts in Bangladesh. Int'l Conference on Information and Communication Technologies and Development (ICTD).
46. DeRenzi, B., Watchman, J., **Dell, N.**, Lee, S., Lesh, N., Borriello, G., and Ellner, A. 2016. Closing the Feedback Loop: Experiences from a 12-month Deployment of a Self-Tracking Tool for ASHAs. Int'l Conference on Information and Communication Technologies and Development (ICTD).
47. **Dell, N.**, and Kumar, N. The Ins and Outs of HCI4D. 2016. ACM Conference on Human Factors in Computing Systems (CHI).
[Best Paper Honorable Mention.](#)

48. Kumar, N., Brunette, W., **Dell, N.**, Perrier, T., Kolko, B., Borriello, G., Anderson, R. 2015. Understanding Sociotechnical Implications of Mobile Health Deployments in India, Kenya, and Zimbabwe. *Journal on Information Technologies & International Development (ITID)*, 11(4), 17-32.
49. Vashistha, A., Cutrell, E., **Dell, N.**, and Anderson, R. 2015. Social Media Platforms for Low-Income Blind People in India. *ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*. [Best Student Paper Award](#).
50. Perrier, T., **Dell, N.**, DeRenzi, B., Anderson, R., Kinuthia, J., Unger, J. and John-Stewart, G. 2015. Engaging Pregnant Women in Kenya with a Hybrid Computer-Human SMS Communication System. 2015. *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*.
51. **Dell, N.**, Perrier, T., Kumar, N., Lee, M., Powers, R., Borriello, G. 2015. Paper-Digital Workflows in Global Development Organizations. *Proceedings of the 2015 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW)*.
52. **Dell, N.**, D'Silva, K., and Borriello, G. Mobile Touch-Free Interaction for Global Health. 2015. *ACM Workshop on Mobile Computing Systems and Applications (HotMobile)*.
53. **Dell, N.**, Francis, I., Sheppard, H. and Borriello, G. 2014. Field Evaluation of a Camera-Based Mobile Health System in Low-Resource Settings. *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*.
54. **Dell, N.** A Mobile Point-of-Care Diagnostic System for Low-Resource Settings. 2014. In *CHI '14 Extended Abstracts on Human Factors in Computing Systems (CHI EA)*. [Winner ACM SIGCHI Graduate Student Research Competition](#).
55. **Dell, N.**, Crawford, J., Breit, N., Chaluco, T., Coelho, A., McCord, J. and Borriello, G., Integrating ODK Scan into the Health Worker Supply Chain in Mozambique. 2013. *6th Int'l Conference on Information and Communication Technologies and Development (ICTD)*.
56. **Dell, N.**, Breit, N., Wobbrock, J. O. and Borriello, G., Improving Form-Based Data Entry in Low Resource Settings with Image Snippets. 2013. *39th Graphics Interface Conference (GI)*.
57. Brunette, W., Sundt, M., **Dell, N.**, Chaudhri, R., Breit, N. and Borriello, G., Open Data Kit 2.0: Expanding and Refining Information Services for Developing Regions. 2013. *ACM Workshop on Mobile Computing Systems and Applications (HotMobile)*.
58. **Dell, N.** and Borriello, G., Mobile Tools for Point-of-Care Diagnostics in the Developing World. 2013. *3rd Annual ACM Conference on Computing for Development (DEV)*.
59. **Dell, N.**, Vaidyanathan, V., Medhi, I., Cutrell, E., and Thies, W., "Yours is Better!" Participant Response Bias in HCI. 2012. *ACM Conference on Human Factors in Computing Systems (CHI)*.
60. **Dell, N.**, Breit, N., Chaluco, T., Crawford, J. and Borriello, G., Digitizing Paper-Based Vaccine Data via Mobile Imaging Technologies. 2012. *2nd Annual ACM Conference on Computing for Development (DEV)*.
61. **Dell, N.**, Venkatachalam, S., Stevens, D., Yager, P. and Borriello, G. Towards a Point-of-Care Diagnostic System: Automated Analysis of Immunoassay Test Data on a Cell Phone. 2011. *5th ACM Workshop on Networked Systems for Developing Regions (NSDR)*.

Funding

2021-2022 JPMorgan Faculty Research Award (with Ristenpart). \$120,000
 2020-2023 NSF Future of Work Award (with Estrin, Sterling, Avgar). \$1,499,881
 2020-2021 Google COVID-19 AI for Social Good Grant (with Ristenpart). \$122,574
 2020 Internet Defense Prize (third place) (with Ristenpart, McCoy, Greenstadt). \$40,000
 2020-2021 Google Faculty Research Award (with Ristenpart, McCoy). \$73,706
 2019-2023 NSF SaTC Medium Award (with Ristenpart, McCoy, Levy). \$1,200,000
 2019-2021 Robert Wood Johnson Foundation Pioneering Grant (with Sterling). \$358,636
 2019-2020 Facebook Award for Content Policy Research on Social Media Platforms. \$85,968
 2018-2023 NSF CHS CAREER Award. \$550,000
 2018-2019 Facebook Secure the Internet Award. \$80,045
 2018-2019 Google Faculty Research Award (with Ristenpart and McCoy). \$80,000
 2018-2019 Facebook Research Award. \$25,000
 2018 Cornell Institute for the Social Sciences Grant (with Sengers and Vaghela). \$6,000
 2017-2019 NSF CHS EAGER Award (with Naaman). \$314,333
 2013-2014 Facebook Graduate Fellowship. \$37,500
 2013 Palantir Scholarship for Women in Technology. \$7,000
 2012 Google Anita Borg Award. \$10,000

Presentations

Invited Talks

2021 Center for Applied Data Ethics, University of San Francisco, CA
 2021 Cornell Communication Department Colloquium, Ithaca, NY
 2019 Keynote, New York Judicial Domestic Violence Symposium, Brooklyn, NY
 2019 Microsoft Research New England, MA
 2019 National Network to End Domestic Violence Technology Summit, CA
 2019 Consortium for the Science of Socio-Technical Systems, NJ
 2019 New York Statewide Civil Legal Aid Technology Conference, NY
 2019 Princeton University, NJ
 2018 University of Michigan, Ann Arbor, MI
 2018 Cornell Tri-Campus Symposium on Health Equity, New York, NY
 2018 Stanford University, Palo Alto, CA
 2018 Technion, Haifa, Israel
 2017 Keynote Speaker, Big Red STEM Day, New York, NY
 2017 MIT, Cambridge, MA
 2017 University of Washington, Seattle, WA
 2017 Northwestern University, Evanston, IL
 2016 New York City Media Lab Summit, New York, NY
 2015 Keynote Speaker, Connected Experiences Workshop, New York, NY
 2015 11 Invited academic job talks for tenure-track faculty positions
 2014 Google and Women Techmakers Panel for International Women's Day, Kirkland, WA
 2014 Keynote Speaker, Pacific Northwest Celebration of Women in Computing Conference
 2013 Technologies for Brighter Futures Workshop, Cayetano Heredia University, Lima, Peru
 2012 Keynote Speaker, National Center for Women and Information Technology, Award Ceremony

Conference Talks

2018 Design Within a Patriarchal Society. ACM CHI '18
 2016 The Ins and Outs of HCI4D. ACM CHI '16
 2015 Paper-Digital Workflows in Global Development Organizations. ACM CSCW '15

2015 Mobile Touch-Free Interaction for Global Health. ACM HotMobile '15
2014 Field Evaluation of a Camera-Based mHealth System in Low-Resource Settings. MobileHCI '14
2014 A Mobile Point-of-Care Diagnostic System for Low-Resource Settings. ACM CHI '14
2013 Integrating ODK Scan into the Health Worker Supply Chain in Mozambique. ICTD '13
2013 Improving Form-Based Data Entry in Low Resource Settings with Image Snippets. GI '13
2013 Mobile Tools for Point-of-Care Diagnostics in the Developing World. ACM DEV '13
2012 "Yours is Better!" Participant Response Bias in HCI. ACM CHI '12
2012 Digitizing Paper-Based Vaccine Data via Mobile Imaging Technologies. ACM DEV '12
2011 Automated Analysis of Immunoassay Test Data on a Cell Phone. NSDR '11

Teaching

CS 5682/INFO 6410 HCI and Design, Cornell Tech

Fall 2021, Fall 2020, Fall 2019, Fall 2018, Spring 2018, Spring 2017, Spring 2016

INFO 6940, Technology and Social Justice, Cornell Tech

Spring 2021, Spring 2020

INFO 6600 Technology for Underserved Communities, Cornell University

Spring 2019, Fall 2016

CSE 373 Algorithms and Data Structures, University of Washington

Spring 2014

Elementary School Teacher

2007-2009 Sahmyook Elementary School, Daejeon, South Korea

Advising

Postdoc Advisees

Rosanna Bellini, Cornell Tech (2021 -)

Ph.D. Advisees

Liam Albright, Information Science (2021 -)

Joy Ming, Information Science (2020 -)

Emily Tseng, Information Science (2019 -)

Chinasa Okolo, Computer Science (2019 -)

Andrea Cuadra, Information Science (2019 -)

Rama Adithya Varanasi, Information Science (2017 -)

Anthony Poon, Information Science (2016 -)

Diana Freed, Information Science (2016 - 2020)

Sam Havron, Computer Science (2017 - 2020). Security Engineer, Squarespace

Sharifa Sultana, Information Science (2016 - 2018)

Fabian Okeke, Information Science (2016 - 2019). Research Scientist, Facebook

Ph.D. Committee Membership

Allison McDonald, University of Michigan Computer Science (2020 -)

Alexa VanHattum, Cornell Computer Science (2019 -)

Julia Len, Cornell Computer Science (2019 -)

Gloire Rubambiza, Cornell Computer Science (2018 -)

Judith Uchidiuno, CMU Human-Computer Interaction Institute (2018 - 2020). Post-doc, CMU

Maggie Jack, Cornell Information Science (2018 - 2020). Post-doc, UC Irvine/Syracuse University

Rahul Chatterjee, Cornell Computer Science (2016 - 2019). Assistant Prof., University of Wisconsin
Longqi Yang, Cornell Computer Science (2016 - 2019). Researcher, Microsoft Research
Ishtiaque Ahmed, Cornell Information Science (2015 - 2017). Assistant Prof., University of Toronto

Masters Students

Vince Bartle (2021)
Angela Chen (2021)
Anpu Li (2021)
Casey Yunzhu Pan (2021)
Sri Chakra Kumar (2021)
Sara Wang (2021)
Meyhaa Buvanesh (2021)
Brandt Beckerman (2021)
Jeremy Hazan (2021)
Netania Kligerman (2021)
Rui Maki (2021)
Taixiang Zeng (2020)
Kristen Engel (2020)
Anam Tahir (2020)
Haomiao Han (2020)
Heidi He (2020)
Yiming Chen (2020)
Emilie Burton (2020)
Bharat Gandhi (2020)
Julia Narakornpichit (2019 - 2020)
Andrea Gallardo (2018 - 2020)
Sandra Ebirim (2019)
Daniel Nissani (2019)
Paula Barmaimon (2019)
Noel Konagai (2019)
Tanay Khandelwal (2019)
Emily Tseng (2018 - 2019)
Mikaela Brown (2018)
Gudrun Svava Kristinsdottir (2018)
Tanuj Ahuja (2018)
Hathaitorn Rojnirun (2018)
Oluseye Bankole (2018)
Advika Nigam (2018)
Anmol Seth (2018)
Summer Chi (2018)
Sindhu Babu (2017 - 2018)
Nishith Kumar (2017)
Joyce Zhou (2017)
Mengjiao Zhu (2017)
Yan Jiang (2017)
Shreyas Kulkarni (2017)
Martin Chan (2017)
Huai-Che Lu (2016 - 2017)
Claire Opila (2016)
Sonia Sen (2016)
Ethan Keller (2016)

Sean Herman (2015 - 2016)
 Xiaoyang Ma (2015 - 2016)
 Muhammad Khadafi (2015 - 2016)
 Jing Dai (2015 - 2016)

Undergraduate Students

Julio Poveda (2019-2020)
 Nabila Ahmed (2019 - 2020)
 Matan Danos (2019)
 Chantelle Levy (2019)
 Laisa Barros (2017 - 2018)
 Yasmeen Hasan (2017)
 Jackie Palmer (2016 - 2019)
 Diana Minchala (2016 - 2017)
 Jose Castro (2016 - 2017)
 Matthew Limjoco (2016 - 2017)
 Danielle Charpentier (2016)
 Sarah Sinclair (2016)
 Steven Niu (2016)
 Drew Samuels (2016)
 Seth Martin (2016)
 Munjela Rumanna (2014 - 2015)
 Krittika D'Silva (2013 - 2015)
 Claire Illich (2014)
 Mitchell Lee (2012 - 2014)
 Leeran Raphaely (2012 - 2013)
 Nathan Breit (2011)
 Sugandhan Venkatachalam (2010 - 2011)

Academic Service

Steering Committee

2017-present ACM Computing and Sustainable Societies (COMPASS)

Technical Program Chair

2022 ACM Computing and Sustainable Societies (COMPASS)
2020 ACM Information and Communication Technologies and Development (ICTD)
2016 ACM Computing for Development (DEV)

Sub-Committee Chair / Area Chair

2021 ACM Human Factors in Computing Systems (CHI)
2018 ACM Human Factors in Computing Systems (CHI)
2018 ACM Computing and Sustainable Societies (COMPASS)

Program Committee

2018-present ACM Computing and Sustainable Societies (COMPASS)
2017-present ACM Computer Supported Cooperative Work and Social Computing (CSCW)
2016-present ACM Human Factors in Computing Systems (CHI)
2016-present ACM Information and Communication Technologies and Development (ICTD)
2016 ACM Mobile Systems and Applications (MobiSys)
2013-2016 ACM Symposium on Computing for Development (DEV)

Reviewer

ACM Human Factors in Computing Systems (CHI)
 ACM Computer Supported Cooperative Work and Social Computing (CSCW)
 ACM Computing and Sustainable Societies (COMPASS)
 ACM Information and Communication Technologies and Development (ICTD)
 ACM User Interface Software and Technology (UIST)
 ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)
 ACM Human-Computer Interaction with Mobile Devices (MobileHCI)
 ACM Computing for Development (DEV)
 Journal of Information Technology and International Development (ITID)
 Journal of Information Technology for Development (ITD)

Department and Community Service

2021-2022 Diversity, Equity, and Inclusion Strategic Planning Committee, Cornell Tech
 2021-2022 PhD Life Committee (Chair), Cornell Tech
 2021-2022 Graduate Committee, Cornell Information Science Department
 2021-2022 Tech campus PhD Faculty Liaison, Cornell Information Science Department
 2021 Cornell Summer School on Designing Technology for Social Impact (Co-Chair), IS Department
 2020-2021 Associate Dean Search Committee (Chair), Cornell Tech
 2020-2021 PhD Life Committee (Chair), Cornell Tech
 2020-2021 Graduate Committee, Cornell Information Science Department
 2020-2021 Tech campus PhD faculty Liaison, Cornell Information Science Department
 2019-2020 PhD Life Committee (Chair), Cornell Tech
 2019-2020 Graduate Committee, Cornell Information Science Department
 2019-2020 Tech campus PhD faculty Liaison, Cornell Information Science Department
 2019 Faculty Mentor, Consortium for the Science of Socio-Technical Systems
 2018 Symposium Organizer, HCI Across Borders at CHI 2018
 2018-2019 PhD Admissions Committee, Cornell Information Science Department
 2017 Robert Wood Johnson Foundation Task Force on Global Advantage
 2017-2018 PhD Admissions Committee, Cornell Information Science Department
 2016 Organizer, Development Consortium: HCI Across Borders at CHI
 2016-2017 PhD Admissions Committee, Cornell Information Science Department
 2011 - 2015 Graduate Student Coordinator, UW CSE Department
 2011 - 2015 Change Seminar Organizer, UW CSE Department
 2013 Open Data Kit at Code for Humanity, Grace Hopper Celebration of Women in Computing
 2012 - 2015 Young Researchers in ICTD Coordinator
 2011 - 2015 Computer Science Outreach Volunteer, UW CSE Department
 2010 - 2011 Graduate Social Chair, UW CSE Department